	Approved For Release 2003/6	8/05 :•€IA-RDP82-00457R0	04900490012-6	#*************************************	
		CONFIDE TELLIGENCE AGENCY	25X1 REPORT NO.	25X1	
	MALOUM	IION REPORT	CD NO.		
COUNTRY	USSR (Moscow Oblast)		DATE DISTR.	8 Nov. 1950	
SUBJECT	Aircraft Engine Plant No		NO. OF PAGES	3	
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DATE OF INFO.		25X1	SUPPLEMENT TO REPORT NO.		
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OF ITS CONTENTS OF ITS CONTENTS MISSIED BY LAW.	STATES WITHIN THE MEANING OF THE ESPICIAGE ACT SO SZ. AS AMENDED. ITS TRANSMISSION OF THE ROYSLANDS. S IN ANY MANNEY TO AN UNADTROPIZED PERSON IS PRO- METRODUCTION OF THIS FORM IS PROMISITED.	THIS IS UNEV	ALUATED INFORMATI	ON	
25X1					
25X1	l. location and size (se	es also sketch 1):			
	The Aerodynamic Income of a former cometery to the Ismailovo quantover 5km according to siding station with a the plant, forming in plant was an electric power station for Mosclose to the east and south side led to the	rter. The distance o Soviet workmen. A about 20 tracks was ts continuation. Ab c power station, al scow. Streetcar lind north sides of th	leading from to the Aremlin freight-shunt close to the out 1 km south legedly the ma as passed alon	the Aremlin was a little ing and west end of of the in >lectric g the roads	
	2. Plant history:				
25X1 25X1 Q	The plant was alleged In 1941, to the Urake, Late in Lachines, which had Part of them were state workshops and in the following new burwas finished):	the machin 1945 extension wor been dismentled in anding about in the the northern part	es of the plan k was started Germany, were ir packing box of the plant.	t were moved in the plant, erected. es outside lws erected	
7 2		a. 250 x 90 meters, the northern 2/3 of the largest workshop north of the FW camp.			
No Change in Class. Declassified Class. Changed To: Auth.: HR 70.2	leand the test stands	b. 60 x 50 meters, the northern third of the mechanical workshop and the test stands on the ex-cemetery ground. In May 1948, new machines had not yet been erected. Lanagement and labor:			
	The management was in all the engineers we nautical industry. Consider and had sky-blue edge.	re the uniform of t fficerswore, an eag	he mersonnel o le insignia on	nstitute. f the aero- their cans	
passing and a second a second and a second a	CLASSIFICATION STOR	RIM	. 	25X1	
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(2) Second part: blade built into the turbine (statement of a

5. Security:

The plant had eight watch towers manned by armed civilians. There were also four sentry towers, manned by MVD-soldiers, around the

The area was enclosed by a solid wall on the north and wooden plank.

on the other sides.

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The manufacture of V-engines (presumably AM-38/39) in aircraft engine factory 45 in Moscow up to the middle of 1947 is confirmed. The beginning of the conversion to turbo-jet units seems to date back as early as the Sall of 1946, as is inferred from various general overhaul of short-term checkup of 004-jet units and that the manufacture proper started as later as 1947. 25X1 The new constructions mentioned in the report which were raw build-<u>ings in early 1948 have</u>been confirmed called them buildings for turbo-jet test stands. Actually, however, it was only the conversion or extension work in the clant of which, at the close of the war, only a quarter

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was in operation. All reports received up to now regarding the turbines manufactured there, as well as the indications on sketch 2, lead to the conclusion that the turbo-jet units built there are copies of JU10 004 both as to general design and power.

2 Annexes: 2 Llueprints, Aircraft Engine lant No. 45 in Hoscow.

Legend:

- 1 Mechanical section, new mechanical equipment
- 2 Central administration
- 3 Mechanical section
- 4 New building
- 5 Foundry, one electric furnace for steel casting, 4 meters high, 2½ meters in diameter. Four furnaces with coke firing for light metal casting, traveller with slewing crane for crucibles.
- 6 Steam forge with six steam hammers and six oil-fueled hearths.
- 7 Mechanical section
- 8 Test stands; the two sections were enlarged to the north
- 9 Boilerhouse with six steam-bobler plants, two of which are in continuous operation, one smokestack
- 10 Four coal bunkers
- 11 Stores for material
- 12 Mechanical section
- 13 Scrap yard
- 14 Coal storage yard
- 15 Plant area covered with unidentified buildings.

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